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Title *Active RCS Reduction: Blind Equalizer and Feedback Filter in Sidelobe Cancellers*

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Abstract

DF-GSC requires some initial training snapshots in order to acquire the required robustness. In practice, it becomes difficult to decide this initial number. Thus, some blind and semi blind methods are used to overcome this problem. The performance analysis of DF-GSC is carried out using blind approach which has three stages. A new approach known as semi blind approach was formulated to further enhance the robustness. This approach has two stages only. Simulations were done using standard LMS algorithm. The work is further extended to structured LMS algorithm.